

IXFH40N30Q Information


For Reference Only

Part Number [IXFH40N30Q](#)
Manufacturer IXYS
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 300V 40A TO-247AD
Package TO-247-3
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


[Request a Quote](#)
Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


IXFH40N30Q Specifications

| | |
|--|---|
| Manufacturer Part Number | IXFH40N30Q |
| Manufacturer | IXYS |
| Category | Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single |
| Package | TO-247-3 |
| Series | HiPerFET? |
| FET Type | N-Channel |
| Technology | MOSFET (Metal Oxide) |
| Drain to Source Voltage (Vds) | 300V |
| Current - Continuous Drain (Id) @ 25°C | 40A (Tc) |
| Drive Voltage (Max Rds On, Min Rds On) | 10V |
| Vgs(th) (Max) @ Id | 4V @ 4mA |
| Gate Charge (Qg) (Max) @ Vgs | 140nC @ 10V |
| Input Capacitance (Ciss) (Max) @ Vds | 3100pF @ 25V |
| Vgs (Max) | ±20V |
| FET Feature | - |
| Power Dissipation (Max) | 300W (Tc) |
| Rds On (Max) @ Id, Vgs | 80 mOhm @ 500mA, 10V |
| Operating Temperature | -55°C ~ 150°C (TJ) |
| Mounting Type | Through Hole |
| Supplier Device Package | TO-247AD (IXFH) |
| Package / Case | TO-247-3 |

[Report errors?](#)

IXFH40N30Q Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

IXFH40N30Q Payment Methods



WIRE
transfer



IXFH40N30Q Shipping Methods



If you have any question about IXFH40N30Q, please do not hesitate to contact us!

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